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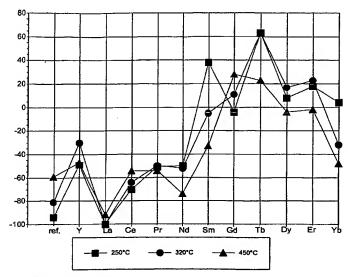
- (71) Applicants (for all designated States except US):
  TREIBACHER INDUSTRIE AG [AT/AT]; Auer von
  Welsbach-Strasse 1, A-9330 Treibach-Althofen (AT).
  PORZELLANFABRIK FRAUENTHAL GMBH
  [AT/AT]; Gamserstrasse 38, A-8523 Frauental (AT).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): SCHERMANZ, Karl [AT/AT]; Buchbergstrasse 15, A-9314 Launsdorf

(AT). BEGSTEIGER, Irene [AT/AT]; Flurweg 2, A-8530 Deutschlandsberg (AT). TROVARELLI, Alessandro [IT/IT]; Piazza Bolzano 4/A, I-33100 Udine (IT). ROCCHINI, Eliana [IT/IT]; Via Tolmezzo 9, I-34126 Trieste (IT). CASANOVA, Marzia [IT/IT]; Via Nazionale 44, I-33020 Ravascletto (IT).

- (74) Agents: SCHWARZ, Albin et al.; Wipplingerstrasse 32/22, A-1010 Wien (AT).
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[Continued on next page]

#### (54) Title: EXHAUST GAS CATALYST



ref.: 3%V<sub>2</sub>O<sub>5</sub>/WO<sub>3</sub>/TiO<sub>2</sub>

Activity drop/increase (%) after aging for various temperatures

(57) Abstract: Catalyst composition represented by the general formula REVO/S wherein RE is at least one of the group of rare earth metals Y, Ce, Pr, Nd, Sm, Gd, Tb, Dy, Er and Yb in an amount of up to 6.0 wt.-%; V is vanadium in an amount of 0.2-2.5 wt.-%; O is oxygen in an amount of up to 3,5 wt.-%; and S is a support containing TiO<sub>2</sub> in an amount of at least 70 wt.-%, with the rest being WO<sub>3</sub> and optionally SiO<sub>2</sub>. This catalyst composition shows high removal efficiencies for NO<sub>x</sub> even after aging at 750°C.



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